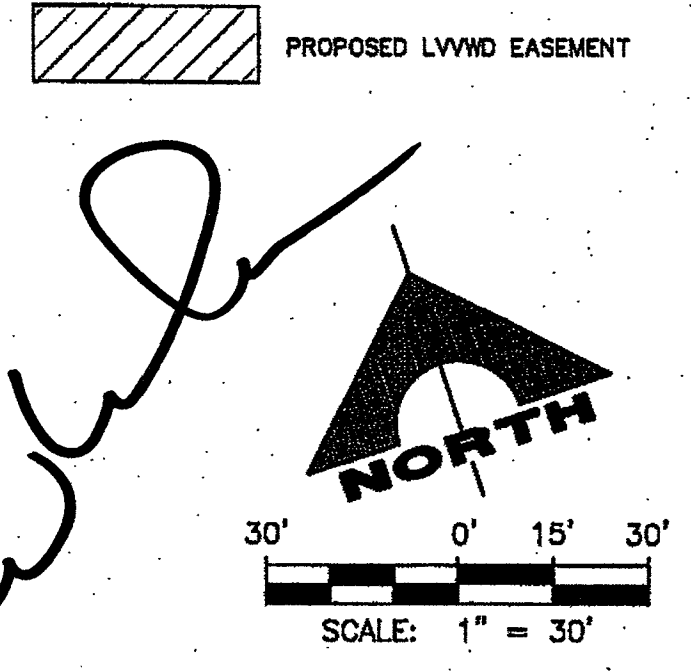
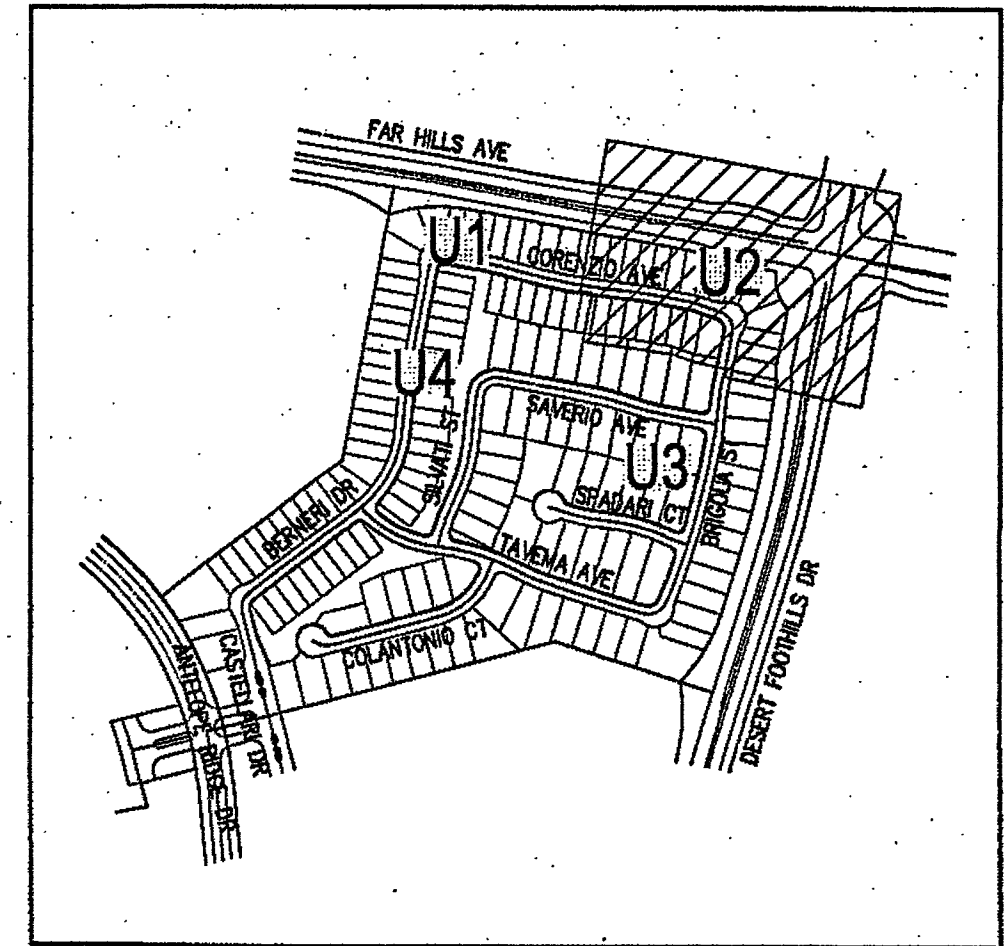
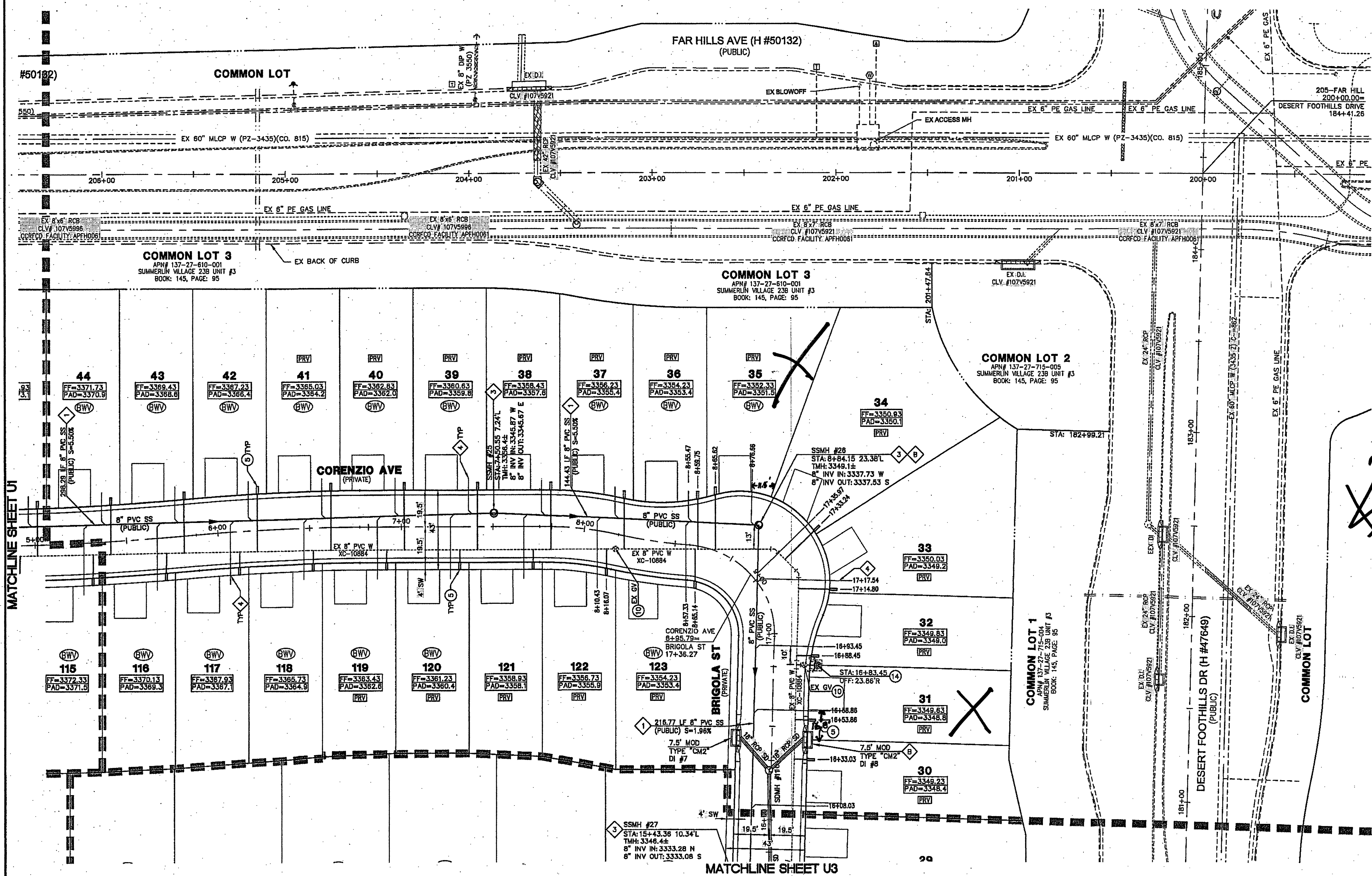


CLV SEWER AS-BUILT



- ### CONSTRUCTION NOTES
1. REMOVE CAP & BLOW-OFF PER UDACS PLATE NO. 36 AND CONNECT TO EXISTING 8" MAIN.
2. INSTALL 8"-5' BEND WITH RESTRAINED JOINTS.
3. INSTALL 8"-11.25' BEND PER UDACS PLATE NO. 31.
4. INSTALL 8"-45' BEND PER UDACS PLATE NO. 31.
5. INSTALL 1" WATER SERVICE WITH 3/4" WATER METER PER UDACS PLATE NO. 2 (TYP).
6. INSTALL FIRE HYDRANT, VALVES, TEE, & 6" WATER LINE PER UDACS PLATE NO. 40.
7. INSTALL 8" PVC WATER PIPE.
8. INSTALL 6" PVC WATER PIPE.
9. INSTALL 8" GATE VALVE, BOX, AND COVER PER UDACS PLATE NO. 30 & 39.
10. ADJUST EXISTING VALVE TO FINISHED GRADE PER UDACS PLATE #39. VALVE SHALL BE ACCESSIBLE AT ALL TIMES.
11. ADJUST TO GRADE.
12. INSTALL 1" WATER SERVICE WITH 3/4" METER AND 1" RPPA PER UDACS PLATE NO. 4 AND NO. 8.
13. CONSTRUCT VEHICULAR PROTECTION BOLLARD PER UDACS PLATE NO. 75 (SEE DETAIL 1 SHEET U1 FOR SPACING).
14. RELOCATE EXISTING FIRE HYDRANT PER "RELOCATION OF FIRE HYDRANTS" NOTE.
- NOTE: SEE SHEET C1 & C2 FOR ABBREVIATIONS AND QUANTITIES

- ### CONSTRUCTION NOTES
1. INSTALL 8" PVC SANITARY SEWER PIPE.
2. REMOVE CAP AND CONNECT TO EXISTING 8" SEWER STUB. CONTRACTOR TO VERIFY LOCATION AND ELEVATION.
3. INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A.
4. INSTALL SEWER LATERAL PER DCSWCS SD-22 (TYP).
5. INSTALL SEWER LATERAL PER DCSWCS SD-22 AND 3.17.2 (LOT 25).
6. INSTALL CORROSION PROTECTION PER DCSWCS 3.16.8.B.
- NOTE: SEE SHEET C1 & C2 FOR ABBREVIATIONS AND QUANTITIES

RELOCATION OF FIRE HYDRANTS

(EXTENSION OF EXISTING LATERAL)

THE CONTRACTOR SHALL REMOVE AND RELOCATE BOTH THE UPPER AND LOWER BARRELS OF THE EXISTING FIRE HYDRANT(S) WHERE SHOWN. EXTEND THE LATERAL AS REQUIRED, AND REINSTALL SUCH HYDRANT(S) AT THE NEW LOCATION(S) INDICATED. FIRE HYDRANTS SHALL BE TESTED PRIOR TO AND AFTER RELOCATION, UNDER THE DIRECTION OF DISTRICT, TO ENSURE QUALITY. INSTALLATION SHALL BE IN ACCORDANCE WITH UDACS PLATE 40. LATERALS MADE OF UNAPPROVED MATERIALS SHALL BE REPLACED FROM THE MAIN TO THE FIRE HYDRANT. RELOCATIONS WHERE THE LATERAL CANNOT BE EXTENDED SHALL BE TREATED AS NEW INSTALLATIONS.

CONTRACTOR NOTE:

WATER MAIN JOINT DEFLECTION (PVC 4" - 24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02.

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

EASEMENTS WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BLOWOFF ASSEMBLY, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

SEWER CONNECTION NOTE

ONE OR MORE SEGMENTS OF THE DOWNSIDE SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSIDE SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSIDE SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.

BENCHMARK			
BM #	DESCRIPTION	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
BLV08-34NE6	RIVET AND PLATE IN TOP OF CURB @ NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE	3304.45	1007.197

BASIS OF BEARINGS

NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

NOTE TO CONTRACTOR

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

SERVICE LATERALS FOR LOTS 25-57 & 107-123

WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LVWD.

G.C. WALLACE, INC. ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND DEPTH OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.

WATER CLEARANCE NOTE

3' MIN. HORIZONTAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED. DRY UTILITIES PER UDACS SECTION 2.04.02.

12" MIN. VERTICAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED DRY UTILITIES PER UDACS SECTION 2.04.05.

ALL NEW MANHOLES TO HAVE PRE-CAST BASES

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO. 15.

LOTS 25-41 & 118-128

THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE) PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVs ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

Call before you Dig

1-800-227-2800

1-702-455-6000

Call before you Dig

1-702-227-2929

Call before you Dig

UnderGround

1-702-455-6000

1-702-225-6611

- ### GENERAL NOTES
- REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS AND/OR PAINT MARKINGS), UNDER CLARK COUNTY'S JURISDICTION, THAT ARE DISTURBED, DESTROYED, MOVED OR ADJUSTED BY TRENCHING ACTIVITIES TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS OR WILL BE AN APPROVED EQUIVALENT.
 - IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY CONTRACTOR, THE CONTRACTOR WILL HIRE AN INSA LEVEL 1 ELECTRICAL CONTRACTOR TO MAKE REPAIRS PER UNIFORM SPECIFICATION NO. 623.01.02.
 - ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
 - THE CONTRACTOR IS TO VERIFY THE ACTUAL FIELD CONDITIONS OF ALL LOTS AND INSTALL SEWER CHECK VALVES WHERE REQUIRED PER THE LATEST EDITION OF THE UNIFORM PLUMBING CODE.
 - FITTINGS SHALL NOT FALL UNDER CURBS, OUTTERS OR SIDEWALK.

APPROVED FOR CONSTRUCTION

L. D. SHARIK

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 123769 DATE: 9/14/15

LVWD APPROVED FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL

APPROVED FOR CONSTRUCTION

K. M. M.

LAS VEGAS FIRE AND RESCUE

FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL

DATE: 8/25/15

PROJECT NO. 764-123-002

DESIGNER: G.C. WALLACE COMPANIES

DRAWN: NSL

CHECK: NSL

DATE: 08-25-15

PLOT TIME: 07:28:41

PROJECT NO. 764-123-002

DESIGNER: G.C. WALLACE COMPANIES

DRAWN: NSL

CHECK: NSL

DATE: 08-25-15

PLOT TIME: 07:28:41

FULTER HOMES

SUMMERLIN VILLAGE 23B PARCEL BB-UKA ESTRELLA

PHASE 2

UTILITY PLAN II

DRAWING U2

24 OF 30 SHEETS

CLV SEWER AS-BUILT

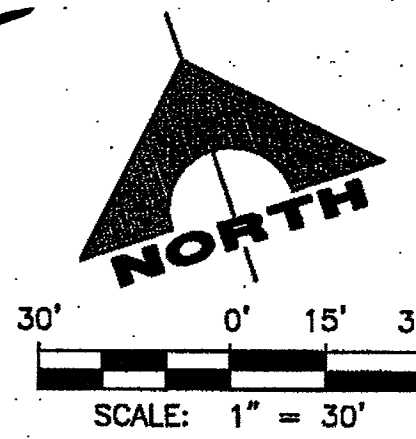
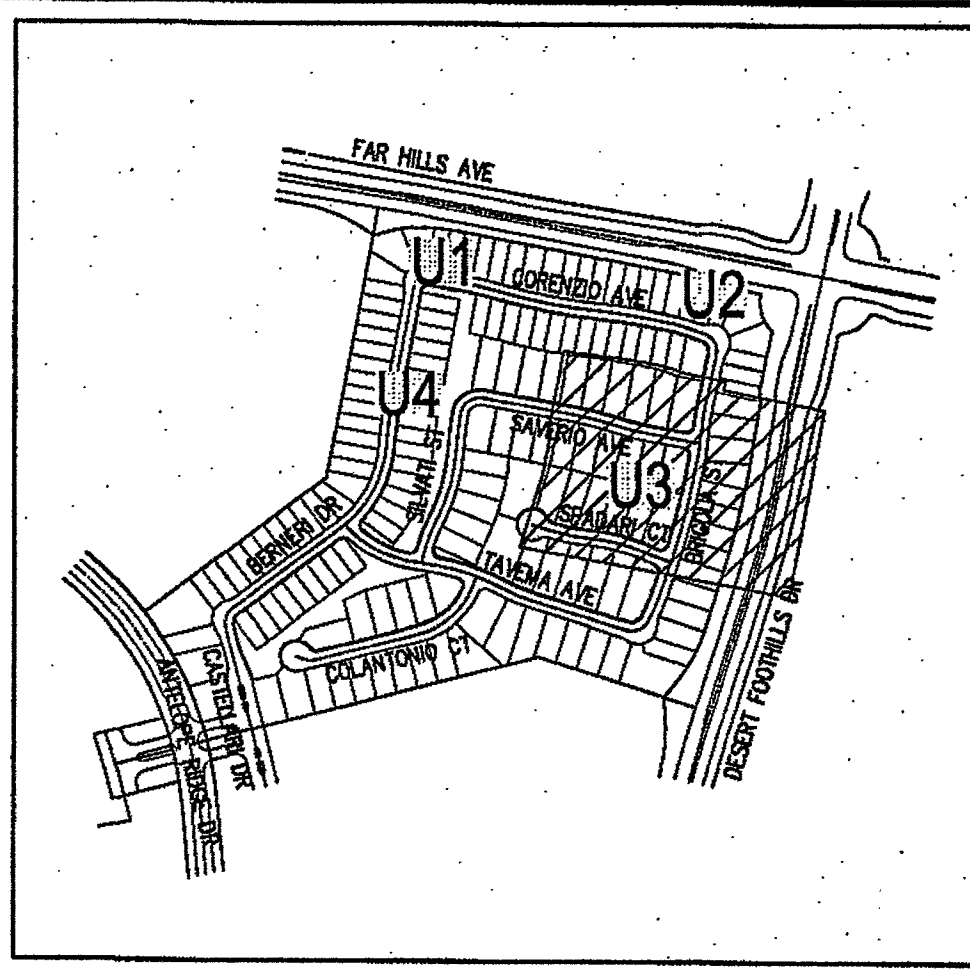
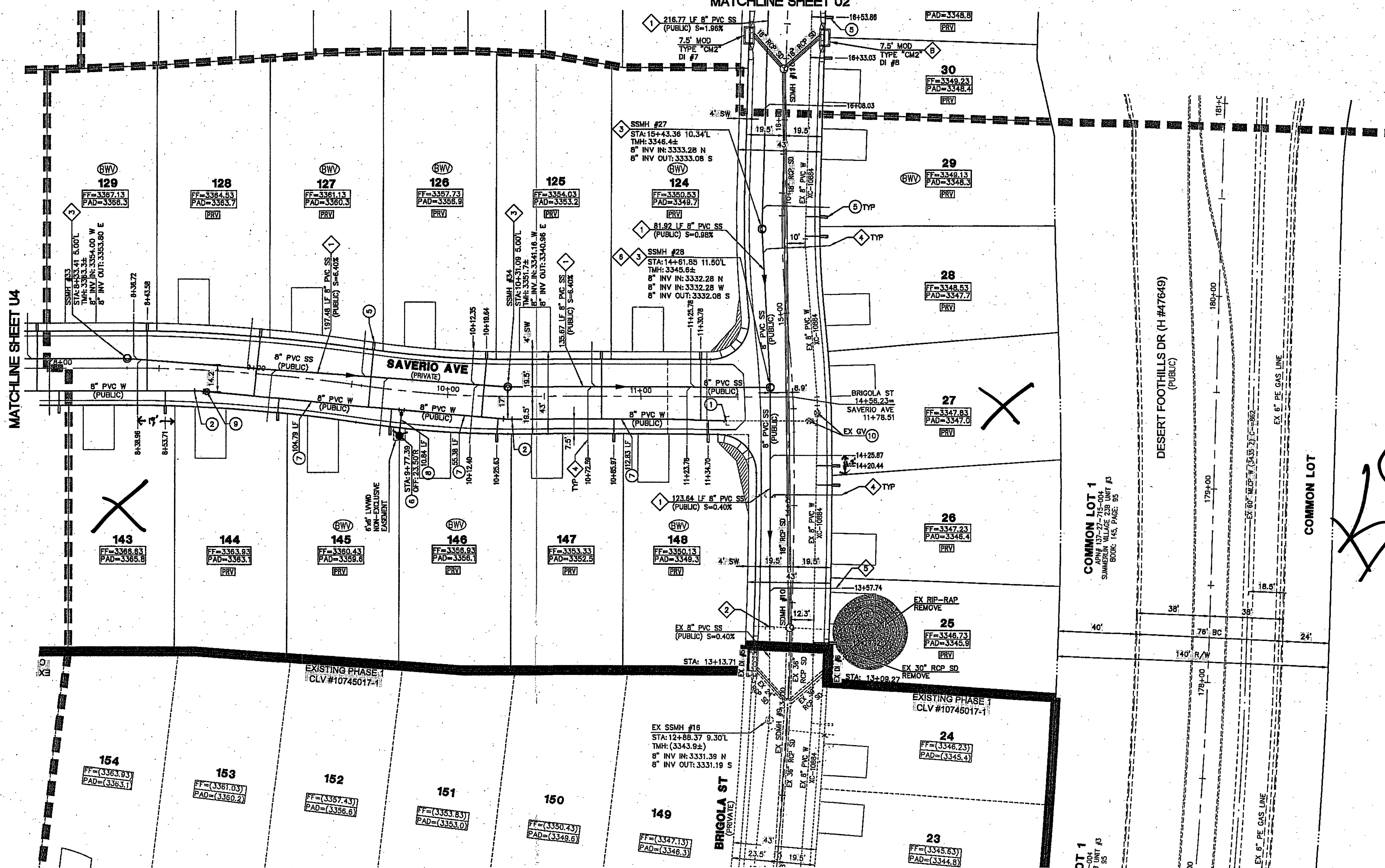
DATE: 8/25/15

SCALE: 1" = 30'

PROPOSED LVWD EASEMENT

CLW SEWER HS-BUILT

MATCHLINE SHEET U2



- ### CONSTRUCTION NOTES
- REMOVE CAP & BLOW-OFF PER UDACS PLATE NO. 38 AND CONNECT TO EXISTING 8" MAIN.
 - INSTALL 8"-5" BEND WITH RESTRAINED JOINTS.
 - INSTALL 8"-11.25" BEND PER UDACS PLATE NO. 31.
 - INSTALL 8"-45" BEND PER UDACS PLATE NO. 31.
 - INSTALL 1" WATER SERVICE WITH 3/4" WATER METER PER UDACS PLATE NO. 2 (TYP).
 - INSTALL FIRE HYDRANT, VALVES, TEE, & 6" WATER LINE PER UDACS PLATE NO. 40.
 - INSTALL 8" PVC WATER PIPE.
 - INSTALL 6" PVC WATER PIPE.
 - INSTALL 8" GATE VALVE, BOX, AND COVER PER UDACS PLATE NO. 30 & 38.
 - ADJUST EXISTING VALVE TO FINISHED GRADE PER UDACS PLATE #38. VALVE SHALL BE ACCESSIBLE AT ALL TIMES.
 - ADJUST TO GRADE.
 - INSTALL 1" WATER SERVICE WITH 3/4" METER AND 1" RPPA PER UDACS PLATE NO. 4 AND NO. 8.
 - CONSTRUCT VEHICULAR PROTECTION BOLLARD PER UDACS PLATE NO. 75 (SEE DETAIL 1 SHEET U1 FOR SPACING).
 - RELOCATE EXISTING FIRE HYDRANT PER "RELOCATION OF FIRE HYDRANTS" NOTE.
- ### CONSTRUCTION NOTES
- INSTALL 8" PVC SANITARY SEWER PIPE.
 - REMOVE CAP AND CONNECT TO EXISTING 8" SEWER STUB. CONTRACTOR TO VERIFY LOCATION AND ELEVATION.
 - INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A.
 - INSTALL SEWER LATERAL PER DCSWCS SD-22 (TYP).
 - INSTALL SEWER LATERAL PER DCSWCS SD-22 AND 3.17.2 (LOT 25).
 - INSTALL CORROSION PROTECTION PER DCSWCS 3.16.8.B.
- NOTE: SEE SHEET C1 & C2 FOR ABBREVIATIONS AND QUANTITIES

- ### GENERAL NOTES
- REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS AND/OR PAVEMENT MARKINGS) UNDER CLARK COUNTY'S JURISDICTION THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITIES TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS OR WILL BE AN APPROVED EQUIVALENT.
 - IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY CONTRACTOR, THE CONTRACTOR WILL HIRE AN INSA LEVEL 1 ELECTRICIAN CONTRACTOR TO MAKE REPAIRS PER UNIFORM SPECIFICATION NO. 623.6.01.02.
 - ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
 - THE CONTRACTOR IS TO VERIFY THE ACTUAL FIELD CONDITIONS OF ALL LOTS AND INSTALL SEWER CHECK VALVES WHERE REQUIRED PER THE LATEST EDITION OF THE UNIFORM PLUMBING CODE.
 - FITTINGS SHALL NOT FALL UNDER CURBS, GUTTERS OR SIDEWALK.

SEWER CONNECTION NOTE

ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.

BENCHMARK

BM #	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
BLVGB-34NE8	RIVET AND PLATE IN TOP OF CURB @ NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE	3304.45 (FEET)	1007.197 (METERS)

BASIS OF BEARINGS

NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 69 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

NOTE TO CONTRACTOR

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

SERVICE LATERALS FOR LOTS: 25-57 & 107-123. WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LVVWD.

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WATER CLEARANCE NOTE

3' MIN. HORIZONTAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED DRY UTILITIES PER UDACS SECTION 2.04.02.

12" MIN. VERTICAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED DRY UTILITIES PER UDACS SECTION 2.04.05.

ALL NEW MANHOLES TO HAVE PRE-CAST BASES

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 15.

LOTS: 25-41 & 118-128
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

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CLARK COUNTY WATER DEPARTMENT
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1-702-227-2929

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1-702-227-2929

CONTRACTOR NOTE:

EXISTING SERVICES

IF ANY OF EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON, THE DEVELOPER SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE UDACS STANDARDS, AND AT THE DEVELOPER'S EXPENSE.

WATER MAIN JOINT DEFLECTION (PVC 4" - 24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02.

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

EASEMENTS WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 123798
DATE: 9/14/15
LVVWD APPROVED FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL

APPROVED FOR CONSTRUCTION
LAS VEGAS FIRE AND RESCUE
FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL
DATE: 8/25/15

PROJECT NO. 764-AB2-002

DESIGN: NSL

CHECK: NSL

DATE: 08-25-15

DATE: 07-28-15

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
1555 S. RAINBOW BLVD. - LAS VEGAS, NV 89146
TEL: 702.804.2000 - FAX: 702.804.2299 - GCWALLACE.COM

STATE OF NEVADA
CLARK COUNTY
Hao Nguyen
11/05/2015

PULTE HOMES

SUMMERLIN VILLAGE 238 PARCEL B5-(AKA ESTRELLA)

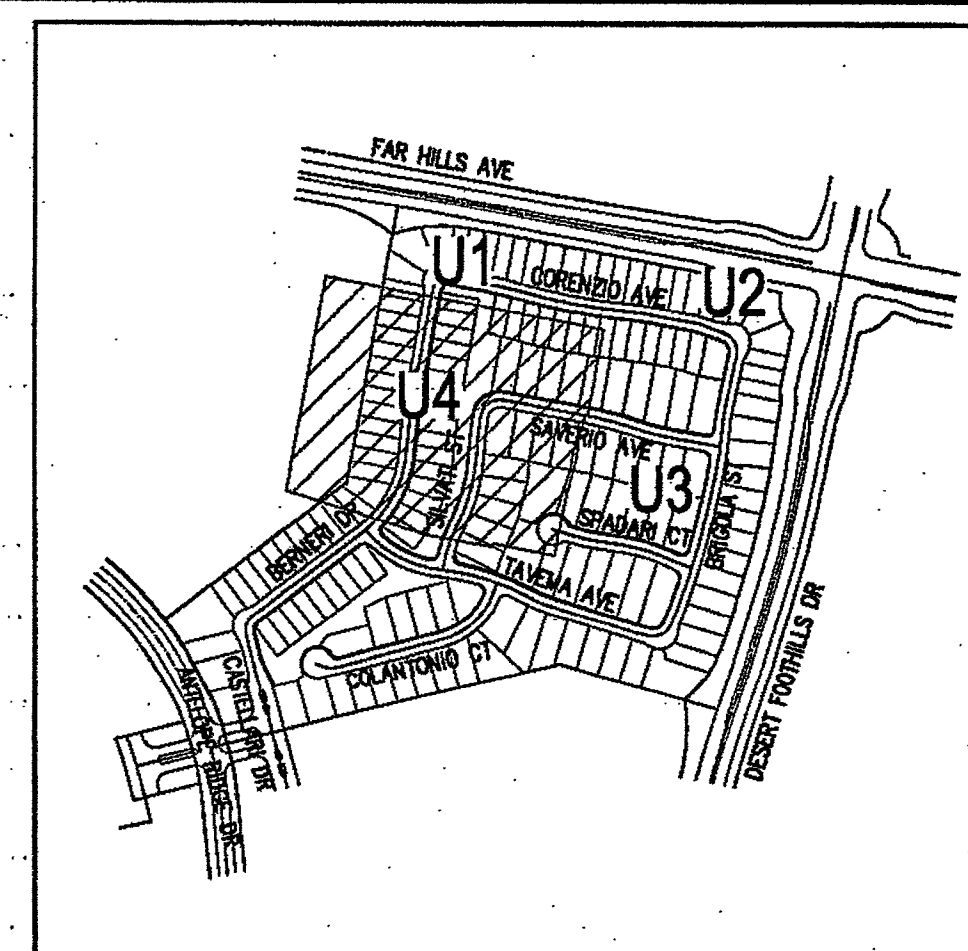
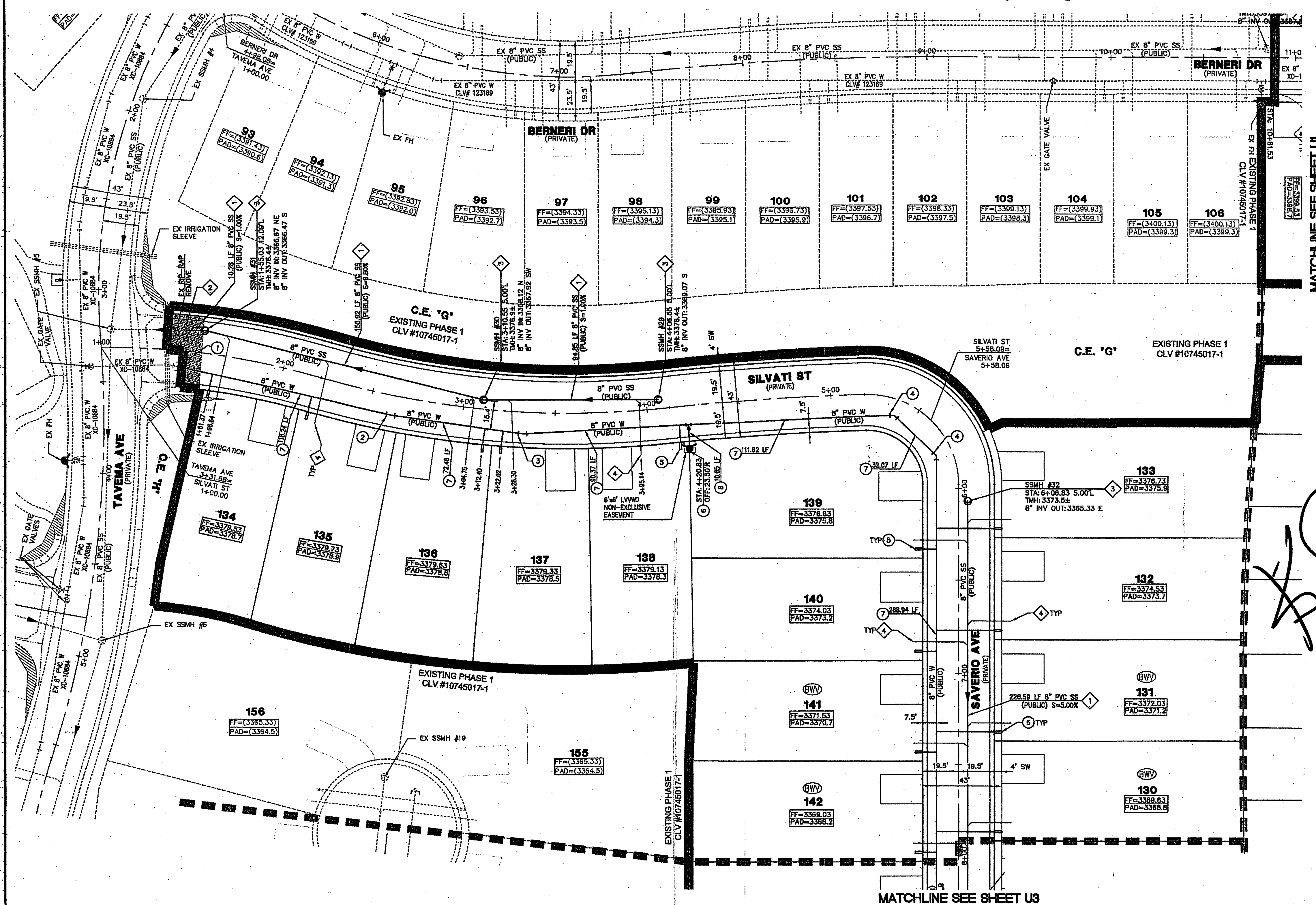
PHASE 2

UTILITY PLAN III

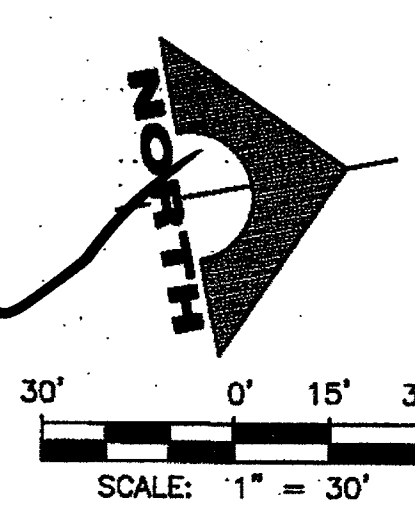
DRAWING U3

25 OF 30 SHEETS

CLV SEWER AS-BUILT



PROPOSED LVWD EASEMENT



- ### CONSTRUCTION NOTES
- REMOVE CAP & BLOW-OFF PER UDACS PLATE NO. 36 AND CONNECT TO EXISTING 8" MAIN.
 - INSTALL 8"-5' BEND WITH RESTRAINED JOINTS.
 - INSTALL 8"-11.25' BEND PER UDACS PLATE NO. 31.
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 - INSTALL 1" WATER SERVICE WITH 3/4" WATER METER PER UDACS PLATE NO. 2 (TYP).
 - INSTALL FIRE HYDRANT, VALVES, TEE, & 6" WATER LINE PER UDACS PLATE NO. 40.
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 - INSTALL SEWER LATERAL PER DCSWCS SD-22 (TYP).
 - INSTALL SEWER LATERAL PER DCSWCS SD-22 AND 3.17.2 (LOT 25).
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- NOTE: SEE SHEET C1 & C2 FOR ABBREVIATIONS AND QUANTITIES

SEWER CONNECTION NOTE

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BENCHMARK

BM #	DESCRIPTION	NAVD 88 DATUM	NAVD 88 DATUM
SLV09-34NE6	RIVET AND PLATE IN TOP OF CURB @ NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE	3304.45 (FEET)	1007.197 (METERS)

BASIS OF BEARINGS

NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

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SERVICE LATERALS FOR LOTS 95-97 & 107-123

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WATER CLEARANCE NOTE

3" MIN. HORIZONTAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED DRY UTILITIES PER UDACS SECTION 2.04.02.
12" MIN. VERTICAL CLEARANCE REQUIRED BETWEEN EXISTING WATER LINES AND PROPOSED DRY UTILITIES PER UDACS SECTION 2.04.05.

ALL NEW MANHOLES TO HAVE PRE-CAST BASES
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LOTS 95-97 & 112-123
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE) PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

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Call before you Dig
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1-702-228-6611

CONTRACTOR NOTE

IF ANY OF EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON, THE DEVELOPER SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE UDACS STANDARDS, AND AT THE DEVELOPER'S EXPENSE.

WATER MAIN JOINT DEFLECTION (FIG. 4-24)

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02.

EASEMENTS WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

- ### GENERAL NOTES
- REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS AND/OR PAVEMENT MARKINGS) UNDER CLARK COUNTY'S JURISDICTION THAT ARE DISTURBED, DESTROYED, MOVED, OR MODIFIED BY TRENCHING ACTIVITIES TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS OR WILL BE AN APPROVED EQUIVALENT.
 - IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY CONTRACTOR, THE CONTRACTOR WILL HIRE AN ISA LEVEL 1 ELECTRICAL CONTRACTOR TO MAKE REPAIRS PER UNIFORM SPECIFICATION NO. 623.6.01.02.
 - ALL SEWER/STORM DRAIN CROSSINGS WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
 - THE CONTRACTOR IS TO VERIFY THE ACTUAL FIELD CONDITIONS OF ALL LOTS AND INSTALL SEWER CHECK VALVES WHERE REQUIRED PER THE LATEST EDITION OF THE UNIFORM PLUMBING CODE.
 - FITTINGS SHALL NOT FALL UNDER CURBS, GUTTERS OR SIDEWALK.

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 123789
DATE: 9/14/15
LVWD APPROVED FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL

APPROVED FOR CONSTRUCTION
LAS VEGAS FIRE AND RESCUE
FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL
DATE: 8/25/15

PROJECT NO. 704-A123-002
DESIGNER: G.C. WALLACE COMPANIES
DRAWN: J. WALLACE
CHECK: J. WALLACE
PLOT DATE: 08-24-15
PLOT TIME: 14:35:45
REV: DATE DESCRIPTION

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146
TEL: 702.804.2000 • FAX: 702.804.2299 • GCVALLACE.COM

FULTE HOMES
SUMMIT VILLAGE 238 PARCEL BB (AKA ESTRELLA)
PHASE 2
UTILITY PLAN IV
DRAWING U4
26 OF 30 SHEETS